

ABSTRACT OF THE DISCLOSURE

A storage device controlling device comprising: a channel controller for receiving a data input/output request based on file-name indication from an information processing device and transmitting/receiving data to/from the information processing device; a disk controller for controlling input/output of data stored in a storage volume for storing the data; and a first memory for storing the data delivered between the channel controller and the disk controller. The channel controller is equipped with a circuit board on which a first processor, a file access processor having a second processor and a second memory, a data transfer device and a third memory are formed. The second processor transmits information indicating the storage position of the data in the second memory to the first processor, the first processor writes into the third memory data transfer information containing information indicating the storage position of the data in the first memory and information indicating the storage position of the data in the second memory, and the data transfer device reads out the data transfer information from the third memory and controls the data transfer between the first memory and the second memory on the basis of the data transfer information thus read out.